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Altri autori (Persone)	Moropoulou
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Nota di contenuto	Developments in Digital Heritage -- Digital transition in Cultural Heritage: the 4CH and 3D-4CH Projects in Advancing European Strategies -- When Science and Technology Meet Art and Culture -- Intelligent Preservation of Immovable Cultural Heritage -- From Sensor to Story: Integrated IoT Monitoring and Web-Based AR for Coastal Cultural Heritage Preservation -- Immersive Technologies in Cultural Heritage:A Critical Approach of the Chronos Project -- Creation of virtual street tour using detailed geometric documentation of the

surrounding buildings. The case of Monemvasia's central paved street -- Alternative Tour in Thessaloniki through Extended Reality for the Development of Cultural Tourism: XpRienceThess -- Application of a Digital Twin HBIM in the Context of Architectural Preventive Conservation and Adaptive Reuse Approaches of Heritage Monuments, With the Use of Extended Reality Technologies -- Exploring the Contemporary History of Epirus through an Immersive Virtual Reality Experience -- Development of a New Interdisciplinary Method of Image Analysis and Classification from Byzantine Frescoes Using Machine Learning -- The Digitization of Architectural Heritage at the Service of People with Disabilities -- Tacit Preservation in the Post-Digital Era: Informal Memory Networks and Digital Heritage -- Navigating Post-Mortem Privacy and Digital Cultural Heritage: Legal, Ethical, and Technological Challenges -- Utilization of IT and Digital Technologies for Sustainable Preservation, Revealing and Management of Cultural Heritage -- New aspects For Building Archaeology: IASIS for the SE Citadel of Ioannina Castle, Greece -- The Power of 3D Technologies in Archaeology: A Case Study of Findings Coming from Messenia, Greece -- Field Archaeology and New Technologies for Revealing Cultural Networks in the Bronze Age: Towards A New Digital Archaeology -- Toward Understanding an Archaeological Site Using GIS technology -- Classification of Athenian Architectural Typology with YOLO-Based Neural Networks -- Protection And Revealing of Cultural Heritage in Isolated Areas: Highlighting the Watchtowers (Vigles) Of Chios -- Challenging Environments and Historic Preservation: The Vasiladi Fort -- Structural, Geotechnical and Historical Investigation of the Proposed Restoration of the Eastern Walls of Chania -- The Application of Digital Technologies for the Practical Renovation of Heritage; A Focus on the Challenges Faced by Documentation Professionals in Iran -- Comparative Study of Digital Surveying and Documentation Methods for Architectural Heritage Buildings- The Digitization Case Study of the Cooling Tower at SPS Kardias, Ptolemaida -- Photogrammetry as a Tool For 3D Digital Representation and Prominence of Folk Art in the Context of the ICT Course in Primary Education. The Dynamic Combination with QR Codes, Sketchfab Repository and 3D Printing for Gamification Scenario's Creation -- Digital Culture and 3D Visualization: The Ancient Port of Aegina -- Restoration of the Basilica B in the Archaeological Site of Philippi -- An Innovative Approach to Combining Naval Architecture and Traditional Shipbuilding. The Case of a Greek Traditional Yacht -- A New Methodology: The #MemoryTwin of a 20th Century Wooden Trawler -- Digital Humanities for Preserving Cultural Heritage -- Highlighting Preservation and Interpretation of Cultural Heritage Towards Raising Awareness -- A Unified Approach for Fast Cultural Goods on Site Documentation and Support Multidisciplinary Stakeholders Fighting Illicit Trafficking -- Graph Databases and Crawler Infrastructures as a Common Workspace for the Unified Management of Multi-Source Archaeological Data in the Service of Combating Illicit Trafficking of Cultural Goods -- Exploring the Use of LLMs as Educational Tools in Cultural Heritage Education -- Digital Technologies for the Evaluation of the Resilience of Cultural Heritage Assets to Climate Change and Natural Hazards -- Innovative Geospatial and Engineering Solutions for Cultural Heritage -- Coastal Vulnerability Monitoring of Coastal Archaeological Sites, Crete, Greece -- Record and Digitalization of the Hellenic Armed Forces Cultural Stock Towards Climate Change Threats -- The TRIQUETRA Project: Climate Change Impact on Ancient Epidaurus Monuments -- An intelligent Decision Support System for Cultural Heritage Preservation.

Conference on Transdisciplinary Multispectral Modelling and Cooperation for the Preservation of Cultural Heritage Addressing World Challenges, TMM-CH 2025, held in Athens, Greece during April 7-9, 2025. The 38 full papers included in this volume were carefully reviewed and selected from 477 submissions. They were categorized under the topical sections as follows: Developments in Digital Heritage; Utilization of IT and Digital Technologies for Sustainable Preservation, Revealing and Management of Cultural Heritage; and Digital Technologies for the Evaluation of the Resilience of Cultural Heritage Assets to Climate Change and Natural Hazards.
